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DERWENT-WEEK: 200323

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TITLE: Method for fabricating LCD panel

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PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
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KR 2002089981 A	November 30, 2002	N/A
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APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
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KR2002089981A	N/A	2001KR-0029091
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INT-CL (IPC): G02F001/136

ABSTRACTED-PUB-NO: KR2002089981A

BASIC-ABSTRACT:

NOVELTY - A method for fabricating a liquid crystal display panel is provided to prevent the surface oxidation of aluminum alloy gate electrodes and source/drain electrodes due to the oxidation atmosphere when depositing pixel electrodes, by forming aluminum and silicon mixture layer on the gate electrodes and source/drain electrodes.

DETAILED DESCRIPTION - A method for fabricating a liquid crystal display panel includes the steps of forming a plurality of gate electrodes(101a,101b) on a transparent lower insulating substrate having thin film transistor areas and gate pad areas, forming a first buffer layer(102a) on the gate

electrodes in  
the gate pad areas, forming a gate insulating film(103) on the entire  
surface  
of the substrate, forming a semiconductor layer, n+ semiconductor  
layer(105)  
and source/drain electrodes(106) on the gate electrodes in the thin  
film  
transistor areas, forming a second buffer layer(107a) on the  
source/drain  
electrodes, forming a protecting film(108) on the gate insulating  
film  
including the second buffer layer, forming a plurality of contact  
holes by  
selectively etching the gate insulating film and the protecting film  
to expose  
predetermined portions of the first and second buffer layers, and  
forming pixel  
electrodes(110) on the protecting film including the contact holes.

CHOSEN-DRAWING: Dwg.1/10

TITLE-TERMS: METHOD FABRICATE LCD PANEL

DERWENT-CLASS: L03 P81 U14

CPI-CODES: L03-G05A;

EPI-CODES: U14-K01A1J; U14-K01A2;

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